Amendments to the Specification

Please replace the Title as follows:

--FABRY-PEROT INTERFEROMETER--

Please replace paragraph [0001] with the following:

[0001] A ~~Fabre~~Fabry-Perot (FP) interferometer is a multiple-beam interferometer, usually consisting of two flat plates, one of which is light transmissive and the other of which is highly reflective. The two flat plates are set parallel to one another by spacers so that light waves may bounce back and forth between them multiple times. The interferometer makes use of multiple reflections between the two closely spaced flat plate surfaces. A resonant cavity or gap of the interferometer is a region bounded by the two flat plates, which in turn is adjusted or tuned to provide multiple reflections of light waves.

Please replace the Abstract as follows:

A method of tuning a resonant cavity of an FP (~~Fabre~~Fabry-Perot) interferometer in a DLD (diffractive light device) MEMS (microelectromechanical system) device, wherein the FP interferometer has a top plate and a bottom plate, and wherein the method comprises; using first and second electromechanical transducers to independently change a distance between the top and bottom plates of the FP interferometer.